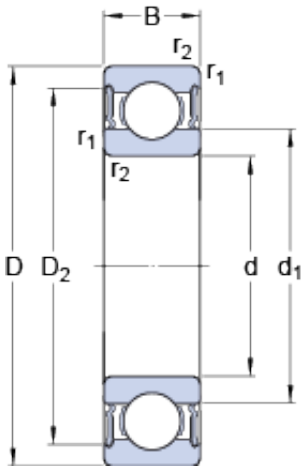




# NTN-BOWER LTD.



## 80 mm x 170 mm x 39 mm SKF 6316-2RS1 GERMANY Bearing 80 × 170 × 39

Bearing No. 6316-2RS1

6316-2RS1 Bearing 2D drawings and 3D CAD models

Size	170x80x39 mm
Bore Diameter	170 mm
Outer Diameter	80 mm
Width	39 mm
d	80 mm
D	170 mm
B	39 mm
d <sub>1</sub>	108 mm
D <sub>2</sub>	146.9 mm
r <sub>1,2</sub> - min.	2.1 mm
d <sub>a</sub> - min.	92 mm
d <sub>a</sub> - max.	107.9 mm
D <sub>a</sub> - max.	158 mm
r <sub>a</sub> - max.	2 mm
Basic dynamic load rating - C	130 kN
Basic static load rating - C <sub>0</sub>	86.5 kN
Fatigue load limit - P <sub>u</sub>	3.2 kN
Limiting speed	2600 r/min
Calculation factor - k <sub>r</sub>	0.03
Calculation factor - f <sub>0</sub>	13.3
Category	Single Row Ball Bearings
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A



## NTN-BOWER LTD.

Weight / Kilogram	3.72
Product Group	B00308
Enclosure	2 Seals
Precision Class	ABEC 1   ISO P0
Maximum Capacity / Filling Slot	No
Rolling Element	Ball Bearing
Snap Ring	No
Internal Special Features	No
Cage Material	Steel
Enclosure Type	Contact Seal
Internal Clearance	C0-Medium
Inch - Metric	Metric
Long Description	80MM Bore; 170MM Outside Diameter; 39MM Outer Race Width; 2 Seals; Ball Bearing; ABEC 1   ISO P0; No Filling Slot; No Snap Ring; No Internal Special Features; C0-Medium Internal Clearance; Steel Cage;
Other Features	Deep Groove   NBR Seal
Category	Single Row Ball Bearing
UNSPSC	31171504
Harmonized Tariff Code	8482.10.50.68
Noun	Bearing
Keyword String	Ball
Manufacturer URL	<a href="http://www.skf.com">http://www.skf.com</a>
Manufacturer Item Number	6316-2RS1
Weight / LBS	8.1936
Inner Race Width	0 Inch   0 Millimeter
Bore	3.15 Inch   80 Millimeter
Outer Race Width	1.535 Inch   39 Millimeter
Outside Diameter	6.693 Inch   170 Millimeter



## NTN-BOWER LTD.

$d_1$	108 mm
$D_2$	146.9 mm
$r_{1,2}$ min.	2.1 mm
$d_a$ min.	92 mm
$d_a$ max.	107.9 mm
$D_a$ max.	158 mm
$r_a$ max.	2 mm
Basic dynamic load rating C	130 kN
Basic static load rating $C_0$	86.5 kN
Fatigue load limit $P_u$	3.25 kN
Calculation factor $k_r$	0.03
Calculation factor $f_0$	13.3
Mass bearing	3.7 kg